SCORE Search Results Details for Application 10552515 and Search Result 20080630 144103 us-10-552-515-8 rai

-2/9000000000000000000000000000000000000	- apresentant and a contract of the approximation and account and account and account and account and account a		
Noora Homa	Harrieve annucation >	d d imp system	SULIME LAMMANIS
200000000000000000000000000000000000000	COURTS O TOP COCKSON S	/	
		_	
(L) (m) (m) (m) (m) (m) (m) (m) (m) (m) (m	- 400 - 400 - 400 - 600 -	No am mark from the s	Chraman and in the
rade	{_j_S_i	WEI VIEW	FAG GUUGESHOHS

This page gives you Search Results detail for the Application 10552515 and Search Result 20080630_144103_us-10-552-515-8. rai.

Go Back to previous page

GenCore version 6.2.1
Copyright (c) 1993 - 2008 Biocceleration Ltd.

OM protein - protein search, using sw model

Run on: June 30, 2008, 17:46:21; Search time 40 Seconds

(without alignments)

42.303 Million cell updates/sec

Title: US-10-552-515-8

Perfect score: 41

Sequence: 1 ILFEILAKT 9

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1143754 segs, 186252778 residues

Total number of hits satisfying chosen parameters: 1143754

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

1: /ABSS/Data/CRF/ptodata/1/iaa/5_COMB.pep:*

2: /ABSS/Data/CRF/ptodata/1/iaa/6_COMB.pep:*

3: /ABSS/Data/CRF/ptodata/1/iaa/7_COMB.pep:*

4: /ABSS/Data/CRF/ptodata/1/iaa/H_COMB.pep:*

5: /ABSS/Data/CRF/ptodata/1/iaa/PCTUS_COMB.pep:*

6: /ABSS/Data/CRF/ptodata/1/iaa/RE_COMB.pep:*

7: /ABSS/Data/CRF/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

응

Result Query

1 32 78.0 227 2 US-09-489-039A-10192 Sequence 10192, A 2 32 78.0 241 3 US-09-252-691C-7797 Sequence 7797, Ap 3 32 78.0 463 2 US-09-134-000C-4873 Sequence 4873, Ap 4 32 78.0 678 2 US-09-252-991A-20693 Sequence 20693, A 5 31 75.6 620 2 US-09-540-236-3109 Sequence 3109, Ap 6 31 75.6 1062 3 US-10-369-493-1676 Sequence 1676, Ap 7 30 73.2 239 2 US-09-543-681A-7402 Sequence 7402, Ap 8 30 73.2 303 3 US-11-23-984A-29 Sequence 29, App1 9 30 73.2 303 3 US-11-143-984A-29 Sequence 29, App1 10 30 73.2 304 2 US-09-540-236-2172 Sequence 27, Ap 11 30 73.2 365 1 US-08-204-288-7 Sequence 7, App1i 12 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2943, Ap 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-01-369-493-8337 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-8137 Sequence 21173, A 20 29 70.7 296 3 US-10-369-493-8137 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-8137 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 361 3 US-10-369-493-1173 Sequence 21173, A 20 29 70.7 321 3 US-10-369-493-1031 Sequence 7333, Ap 21 29 70.7 444 3 US-10-369-493-1031 Sequence 7333, Ap 22 29 70.7 444 3 US-10-369-493-10931 Sequence 73844, App1 23 29 70.7 2249 3 US-09-270-767-41884 Sequence 4, App1i 24 29 70.7 2249 3 US-09-270-767-41884 Sequence 4, App1i 25 29 70.7 2249 3 US-09-866-557A-4 Sequence 556, App 28 28 68.3 49 2 US-09-866-557A-4 Sequence 556, App 29 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 29 28 68.3 106 3 US-10-004-860-556 Sequence 556, App 29 28 68.3 103 US-00-9489-039A-10318 Sequence 10318, A
3 32 78.0 463 2 US-09-134-000C-4873 Sequence 4873, Ap 4 32 78.0 678 2 US-09-252-991A-20693 Sequence 20693, A 5 31 75.6 620 2 US-09-540-236-3109 Sequence 3109, Ap 6 31 75.6 1062 3 US-10-369-493-1676 Sequence 1676, Ap 7 30 73.2 239 2 US-09-543-681A-7402 Sequence 7402, Ap 8 30 73.2 303 3 US-10-029-345A-29 Sequence 29, Appl 9 30 73.2 303 3 US-11-143-984A-29 Sequence 29, Appl 10 30 73.2 304 2 US-09-540-236-2172 Sequence 27, Appl 11 30 73.2 365 1 US-08-204-288-7 Sequence 2943, Ap 12 30 73.2 1253 2 US-08-864-785-2 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 27, Appl 14 30 73.2 1253 3 US-10-369-493-2943 Sequence 2943, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-21173 Sequence 8337, Ap 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 361 3 US-10-369-493-1173 Sequence 78, Appl 22 29 70.7 361 3 US-10-369-493-10931 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 78, Appl 24 29 70.7 642 2 US-09-270-767-41884 Sequence 44, Appl 25 29 70.7 1016 3 US-10-369-493-10931 Sequence 44, Appl 26 29 70.7 2249 3 US-09-255-556 Sequence 44, Appl 27 28 68.3 49 2 US-09-265-556 Sequence 556, App 28 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 29 28 68.3 106 3 US-10-004-860-556 Sequence 556, App
4 32 78.0 678 2 US-09-252-991A-20693 Sequence 20693, A 5 31 75.6 620 2 US-09-540-236-3109 Sequence 3109, Ap 6 31 75.6 1062 3 US-10-369-493-1676 Sequence 1676, Ap 7 30 73.2 239 2 US-09-543-681A-7402 Sequence 7402, Ap 8 30 73.2 303 3 US-10-029-345A-29 Sequence 29, App1 9 30 73.2 303 3 US-11-143-984A-29 Sequence 29, App1 10 30 73.2 365 1 US-08-204-288-7 Sequence 29, App1 11 30 73.2 365 1 US-08-204-288-7 Sequence 29, App1 12 30 73.2 469 3 US-10-369-493-2943 Sequence 29, App1 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, App1i 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 3844, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-480 Sequence 2908, Ap 20 29 70.7 301 3 US-10-369-493-1173 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-369-493-10931 Sequence 7333, Ap 22 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-369-493-10931 Sequence 44, App1 26 29 70.7 2249 3 US-09-258-556 Sequence 556, App 28 68.3 49 2 US-09-265-258-556 Sequence 556, App 29 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 29 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 49 2 US-10-004-860-556 Sequence 556, App
5 31 75.6 620 2 US-09-540-236-3109 Sequence 3109, Ap 6 31 75.6 1062 3 US-10-369-493-1676 Sequence 1676, Ap 7 30 73.2 239 2 US-09-543-681A-7402 Sequence 29, Appl 8 30 73.2 303 3 US-10-029-345A-29 Sequence 29, Appl 9 30 73.2 304 2 US-09-540-236-2172 Sequence 29, Appl 10 30 73.2 365 1 US-08-204-288-7 Sequence 2943, Ap 11 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 2 US-09-134-000C-3844 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 290 3 US-10-369-493-8337 Sequence 6149, Ap 17 29 70.7 296
6 31 75.6 1062 3 US-10-369-493-1676 Sequence 1676, Ap 7 30 73.2 239 2 US-09-543-681A-7402 Sequence 7402, Ap 8 30 73.2 303 3 US-10-029-345A-29 Sequence 29, Appl 9 30 73.2 304 2 US-09-540-236-2172 Sequence 277, Appl 10 30 73.2 365 1 US-08-204-288-7 Sequence 277, Appl 11 30 73.2 365 1 US-08-204-288-7 Sequence 277, Appl 12 30 73.2 469 3 US-10-369-493-2943 Sequence 278, Appl 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appl 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 6149, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 307 2 US-09-543-681A-5908 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 361 3 US-10-369-493-1173 Sequence 7333, Ap 22 29 70.7 444 3 US-10-369-493-10931 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 10931, A 25 29 70.7 1016 3 US-10-369-493-10931 Sequence 41884, A 25 29 70.7 1016 3 US-10-369-493-10931 Sequence 41884, A 25 29 70.7 2249 3 US-09-866-557A-4 Sequence 41884, A 25 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 556, App 28 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 556, App
7 30 73.2 239 2 US-09-543-681A-7402 Sequence 7402, Ap 8 30 73.2 303 3 US-10-029-345A-29 Sequence 29, Appl 9 30 73.2 303 3 US-11-143-984A-29 Sequence 29, Appl 10 30 73.2 304 2 US-09-540-236-2172 Sequence 2172, Ap 11 30 73.2 365 1 US-08-204-288-7 Sequence 27, Appli 12 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-369-493-10931 Sequence 7333, Ap 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-2866-557A-4 Sequence 556, App 28 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
8 30 73.2 303 3 US-10-029-345A-29 Sequence 29, Appl 9 30 73.2 303 3 US-11-143-984A-29 Sequence 29, Appl 10 30 73.2 304 2 US-09-540-236-2172 Sequence 2172, Ap 11 30 73.2 365 1 US-08-204-288-7 Sequence 27, Appli 12 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 2, Appli 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 5707, Ap 15 29 70.7 252 3 US-09-252-691C-6149 Sequence 3844, Ap 16 29 70.7 252 3 US-10-369-493-8337 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, Ap 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-369-493-10931 Sequence 7333, Ap 22 29 70.7 444 3 US-10-369-493-10931 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, Ap 24 29 70.7 642 2 US-09-270-767-41884 Sequence 4, Appli 26 29 70.7 2249 3 US-09-270-767-41884 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-270-258-556 Sequence 556, App 28 28 68.3 106 3 US-10-703-032-147913 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 28 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
9 30 73.2 303 3 US-11-143-984A-29 Sequence 29, Appl 10 30 73.2 304 2 US-09-540-236-2172 Sequence 2172, Ap 11 30 73.2 365 1 US-08-204-288-7 Sequence 7, Appli 12 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-8337 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 361 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-369-493-10931 Sequence 7333, Ap 24 29 70.7 642 2 US-09-270-767-41884 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 44. Appli 26 29 70.7 2249 3 US-10-369-493-10931 Sequence 44. Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
10
11 30 73.2 365 1 US-08-204-288-7 Sequence 7, Appli 12 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-369-493-10931 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
12 30 73.2 469 3 US-10-369-493-2943 Sequence 2943, Ap 13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-198-232-78 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 556, App 28 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
13 30 73.2 1253 2 US-08-864-785-2 Sequence 2, Appli 14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-369-493-10931 Sequence 78, Appl 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-2866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 28 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
14 30 73.2 1253 3 US-10-369-493-5707 Sequence 5707, Ap 15 29 70.7 145 2 US-09-134-000C-3844 Sequence 3844, Ap 16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-198-232-78 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 4, Appli 26 29 70.7
15
16 29 70.7 252 3 US-09-252-691C-6149 Sequence 6149, Ap 17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-198-232-78 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 4, Appli 26 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-205-258-556 Sequence 556, App 28 28 68.3
17 29 70.7 290 3 US-10-369-493-8337 Sequence 8337, Ap 18 29 70.7 296 3 US-10-369-493-480 Sequence 480, App 19 29 70.7 296 3 US-10-369-493-21173 Sequence 21173, A 20 29 70.7 307 2 US-09-543-681A-5908 Sequence 5908, Ap 21 29 70.7 321 3 US-11-216-782-7333 Sequence 7333, Ap 22 29 70.7 361 3 US-10-198-232-78 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
18
19
20
21
22 29 70.7 361 3 US-10-198-232-78 Sequence 78, Appl 23 29 70.7 444 3 US-10-369-493-10931 Sequence 10931, A 24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
23
24 29 70.7 642 2 US-09-270-767-41884 Sequence 41884, A 25 29 70.7 1016 3 US-10-371-905B-4 Sequence 4, Appli 26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
25
26 29 70.7 2249 3 US-09-866-557A-4 Sequence 4, Appli 27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
27 28 68.3 49 2 US-09-205-258-556 Sequence 556, App 28 28 68.3 49 2 US-10-004-860-556 Sequence 556, App 29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
28
29 28 68.3 106 3 US-10-703-032-147913 Sequence 147913,
- · · · · · · · · · · · · · · · · · · ·
31 28 68.3 138 3 US-10-703-032-107686 Sequence 107686,
32 28 68.3 138 3 US-10-703-032-158199 Sequence 158199,
33 28 68.3 139 3 US-10-703-032-135585 Sequence 135585,
34 28 68.3 161 2 US-09-605-703B-882 Sequence 882, App
35 28 68.3 164 3 US-10-400-071B-5 Sequence 5, Appli
36 28 68.3 174 3 US-10-703-032-112769 Sequence 112769,
37 28 68.3 183 3 US-10-703-032-181054 Sequence 181054,
38 28 68.3 201 2 US-09-270-767-34878 Sequence 34878, A
39 28 68.3 201 2 US-09-270-767-50095 Sequence 50095, A
40 28 68.3 222 2 US-09-270-767-38262 Sequence 38262, A
41 28 68.3 222 2 US-09-270-767-53479 Sequence 53479, A
42 28 68.3 232 2 US-09-107-532A-5625 Sequence 5625, Ap
43 28 68.3 237 3 US-10-703-032-127551 Sequence 127551,
44 28 68.3 247 3 US-10-703-032-136437 Sequence 136437,
45 28 68.3 261 3 US-09-978-756C-8 Sequence 8, Appli

ALIGNMENTS

RESULT 1

US-09-489-039A-10192

- ; Sequence 10192, Application US/09489039A
- ; Patent No. 6610836
- ; GENERAL INFORMATION:

```
APPLICANT: Gary Breton et. al
  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
  TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 2709.2004001
  CURRENT APPLICATION NUMBER: US/09/489,039A
  CURRENT FILING DATE: 2000-01-27
  PRIOR APPLICATION NUMBER: US 60/117,747
  PRIOR FILING DATE: 1999-01-29
 NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 10192
  LENGTH: 227
   TYPE: PRT
   ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10192
 Query Match
                        78.0%; Score 32; DB 2; Length 227;
 Best Local Similarity 87.5%; Pred. No. 87;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps
          2 LFEILAKT 9
QУ
            Db 58 LFSILAKT 65
RESULT 2
US-09-252-691C-7797
; Sequence 7797, Application US/09252691C
; Patent No. 7041814
; GENERAL INFORMATION:
; APPLICANT: Keith G. Weinstock et al.
  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ENTEROBACTER
  TITLE OF INVENTION: CLOACAE FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 107196.135
  CURRENT APPLICATION NUMBER: US/09/252,691C
  CURRENT FILING DATE: 1999-02-18
  PRIOR APPLICATION NUMBER: US 60/094,145
  PRIOR FILING DATE: 1998-07-24
  PRIOR APPLICATION NUMBER: US 60/074,787
  PRIOR FILING DATE: 1998-02-18
  NUMBER OF SEQ ID NOS: 11326
; SEQ ID NO 7797
   LENGTH: 241
   TYPE: PRT
   ORGANISM: Enterobacter cloacae
   FEATURE:
  NAME/KEY: UNSURE
   LOCATION: (18)
US-09-252-691C-7797
                        78.0%; Score 32; DB 3; Length 241;
 Query Match
 Best Local Similarity 87.5%; Pred. No. 93;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps
                                                                         0;
           2 LFEILAKT 9
Qу
            Db
         72 LFSILAKT 79
```

```
RESULT 3
US-09-134-000C-4873
; Sequence 4873, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
  APPLICANT: Lynn Doucette-Stamm et al
  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
  TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 032796-032
  CURRENT APPLICATION NUMBER: US/09/134,000C
  CURRENT FILING DATE: 1998-08-13
  PRIOR APPLICATION NUMBER: US 60/055,778
; PRIOR FILING DATE: 1997-08-15
  NUMBER OF SEO ID NOS: 6812
  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4873
  LENGTH: 463
   TYPE: PRT
   ORGANISM: Enterococcus faecalis
US-09-134-000C-4873
                        78.0%; Score 32; DB 2; Length 463;
 Query Match
 Best Local Similarity 87.5%; Pred. No. 1.8e+02;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps
                                                                        0;
     2 LFEILAKT 9
QУ
            Db 186 LFEALAKT 193
RESULT 4
US-09-252-991A-20693
; Sequence 20693, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
  TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 107196.136
  CURRENT APPLICATION NUMBER: US/09/252,991A
  CURRENT FILING DATE: 1999-02-18
  PRIOR APPLICATION NUMBER: US 60/074,788
  PRIOR FILING DATE: 1998-02-18
  PRIOR APPLICATION NUMBER: US 60/094,190
 PRIOR FILING DATE: 1998-07-27
  NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 20693
   LENGTH: 678
   TYPE: PRT
   ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-20693
 Query Match
                        78.0%; Score 32; DB 2; Length 678;
 Best Local Similarity 66.7%; Pred. No. 2.8e+02;
           6; Conservative 2; Mismatches 1; Indels 0; Gaps
 Matches
                                                                         0;
```

1 ILFEILAKT 9

QУ

```
:|||: |||
Db
        419 LLFELTAKT 427
RESULT 5
US-09-540-236-3109
; Sequence 3109, Application US/09540236
; Patent No. 6673910
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA
CATARRHALIS
; TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 2709.2005-001
  CURRENT APPLICATION NUMBER: US/09/540,236
  CURRENT FILING DATE: 2000-04-04
; NUMBER OF SEQ ID NOS: 3840
; SEQ ID NO 3109
  LENGTH: 620
  TYPE: PRT
   ORGANISM: M.catarrhalis
US-09-540-236-3109
 Query Match
                         75.6%; Score 31; DB 2; Length 620;
 Best Local Similarity 87.5%; Pred. No. 4.1e+02;
 Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps
                                                                          0;
          2 LFEILAKT 9
Qу
            Db 212 LFTILAKT 219
RESULT 6
US-10-369-493-1676
; Sequence 1676, Application US/10369493
; Patent No. 7314974
; GENERAL INFORMATION:
  APPLICANT: Cao, Yongwei
  APPLICANT: Hinkle, Gregory J.
  APPLICANT: Slater, Steven C.
  APPLICANT: Goldman, Barry S.
  APPLICANT: Chen, Xianfeng
  TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
  TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
  FILE REFERENCE: 38-10(52052)B
  CURRENT APPLICATION NUMBER: US/10/369,493
  CURRENT FILING DATE: 2003-02-28
  PRIOR APPLICATION NUMBER: US 60/360,039
  PRIOR FILING DATE: 2002-02-21
  NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 1676
  LENGTH: 1062
   TYPE: PRT
   ORGANISM: Saccharomyces cerevisiae
US-10-369-493-1676
```

```
Query Match
                         75.6%; Score 31; DB 3; Length 1062;
 Best Local Similarity 66.7%; Pred. No. 7.2e+02;
 Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps
                                                                          0;
          1 ILFEILAKT 9
Qу
             : ||||:||
Db
        889 LAFEILSKT 897
RESULT 7
US-09-543-681A-7402
; Sequence 7402, Application US/09543681A
; Patent No. 6605709
; GENERAL INFORMATION:
  APPLICANT: GARY BRETON
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PROTEUS MIRABILIS
FOR
  TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 2709.1002-001
  CURRENT APPLICATION NUMBER: US/09/543,681A
  CURRENT FILING DATE: 2000-04-05
  PRIOR APPLICATION NUMBER: US 60/128,706
  PRIOR FILING DATE: 1999-04-09
  NUMBER OF SEQ ID NOS: 8344
; SEQ ID NO 7402
   LENGTH: 239
   TYPE: PRT
   ORGANISM: Proteus mirabilis
US-09-543-681A-7402
 Query Match
                         73.2%; Score 30; DB 2; Length 239;
 Best Local Similarity 75.0%; Pred. No. 2.4e+02;
           6; Conservative 2; Mismatches 0; Indels 0; Gaps
 Matches
                                                                           0;
QУ
          1 ILFEILAK 8
             : | | | | | : |
Db
        166 MLFEILSK 173
RESULT 8
US-10-029-345A-29
; Sequence 29, Application US/10029345A
; Patent No. 7153678
; GENERAL INFORMATION:
  APPLICANT: Bristol-Myers Squibb Company
  TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL HUMAN PHOSPHATASES
  FILE REFERENCE: D0072.NP
  CURRENT APPLICATION NUMBER: US/10/029,345A
  CURRENT FILING DATE: 2001-12-20
  PRIOR APPLICATION NUMBER: US 60/256,868
  PRIOR FILING DATE: 2000-12-20
  PRIOR APPLICATION NUMBER: US 60/280,186
  PRIOR FILING DATE: 2001-03-30
  PRIOR APPLICATION NUMBER: US 60/287,735
  PRIOR FILING DATE: 2001-05-01
  PRIOR APPLICATION NUMBER: US 60/295,848
  PRIOR FILING DATE: 2001-06-05
```

```
PRIOR APPLICATION NUMBER: US 60/300,465
 PRIOR FILING DATE: 2001-06-25
 NUMBER OF SEQ ID NOS: 208
 SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
   LENGTH: 303
   TYPE: PRT
   ORGANISM: Schizosaccharomyces pombe
US-10-029-345A-29
                        73.2%; Score 30; DB 3; Length 303;
 Query Match
 Best Local Similarity 75.0%; Pred. No. 3.1e+02;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps
                                                                        0;
Qу
          2 LFEILAKT 9
            Db 240 LFEILSQT 247
RESULT 9
US-11-143-984A-29
; Sequence 29, Application US/11143984A
; Patent No. 7358074
; GENERAL INFORMATION:
  APPLICANT: Bristol-Myers Squibb Company
  TITLE OF INVENTION: POLYNUCLEOTIDES ENCODING NOVEL HUMAN PHOSPHATASES
  FILE REFERENCE: D0072 DIV1
  CURRENT APPLICATION NUMBER: US/11/143,984A
  CURRENT FILING DATE: 2005-06-02
  PRIOR APPLICATION NUMBER: US 60/256,868
  PRIOR FILING DATE: 2000-12-20
  PRIOR APPLICATION NUMBER: US 60/280,186
  PRIOR FILING DATE: 2001-03-30
  PRIOR APPLICATION NUMBER: US 60/287,735
  PRIOR FILING DATE: 2001-05-01
  PRIOR APPLICATION NUMBER: US 60/295,848
  PRIOR FILING DATE: 2001-06-05
  PRIOR APPLICATION NUMBER: US 60/300,465
  PRIOR FILING DATE: 2001-06-25
  NUMBER OF SEQ ID NOS: 208
  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
  LENGTH: 303
   TYPE: PRT
   ORGANISM: Schizosaccharomyces pombe
US-11-143-984A-29
                        73.2%; Score 30; DB 3; Length 303;
 Query Match
 Best Local Similarity 75.0%; Pred. No. 3.1e+02;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps
                                                                         0;
           2 LFEILAKT 9
QУ
            Db 240 LFEILSQT 247
```

RESULT 10

```
US-09-540-236-2172
; Sequence 2172, Application US/09540236
; Patent No. 6673910
; GENERAL INFORMATION:
; APPLICANT: Gary L. Breton et al.
  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO MORAXELLA
CATARRHALIS
 TITLE OF INVENTION: FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 2709.2005-001
  CURRENT APPLICATION NUMBER: US/09/540,236
 CURRENT FILING DATE: 2000-04-04
; NUMBER OF SEQ ID NOS: 3840
; SEQ ID NO 2172
  LENGTH: 304
   TYPE: PRT
   ORGANISM: M.catarrhalis
US-09-540-236-2172
 Query Match
                         73.2%; Score 30; DB 2; Length 304;
 Best Local Similarity 75.0%; Pred. No. 3.1e+02;
 Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps
                                                                           0;
Qу
          2 LFEILAKT 9
             : | | | | | |
Db 241 IFEYLAKT 248
RESULT 11
US-08-204-288-7
; Sequence 7, Application US/08204288
; Patent No. 5959178
  GENERAL INFORMATION:
    APPLICANT: VAN DOORSSELAERE, Jan
    APPLICANT: FRITIG, Bernard J.M.
   APPLICANT: INZE, Dirk G.
   APPLICANT: JOUANIN, Lise
   APPLICANT: KNIGHT, Mary E.
    APPLICANT: VAN MONTAGU, Marc
    APPLICANT: LEGRAND, Michel
    TITLE OF INVENTION: MODIFICATION OF LIGNIN SYNTHESIS IN
    TITLE OF INVENTION: PLANTS
   NUMBER OF SEQUENCES: 7
   CORRESPONDENCE ADDRESS:
     ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.
      STREET: 1100 New York Avenue, N.W.
     CITY: Washington
      STATE: D. C.
      COUNTRY: U.S.A.
      ZIP: 20005-3518
    COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: PatentIn Release #1.0, Version #1.25
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/204,288
      FILING DATE: 10-MAR-1994
```

```
CLASSIFICATION: 800
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER: GB 9119279.9
      FILING DATE: 10-SEP-1991
   PRIOR APPLICATION DATA:
      APPLICATION NUMBER: PCT/GB92/01460
     FILING DATE: 09-SEP-1992
    ATTORNEY/AGENT INFORMATION:
     NAME: KOKULIS, Paul N.
      REGISTRATION NUMBER: 16,773
      REFERENCE/DOCKET NUMBER: 206860/SEE36543/UST
   TELECOMMUNICATION INFORMATION:
      TELEPHONE: (202) 861-3000
      TELEFAX: (202) 822-0944
      TELEX: 6714627 CUSH
  INFORMATION FOR SEQ ID NO: 7:
    SEQUENCE CHARACTERISTICS:
     LENGTH: 365 amino acids
      TYPE: amino acid
      STRANDEDNESS: single
     TOPOLOGY: linear
    MOLECULE TYPE: protein
US-08-204-288-7
 Query Match
                         73.2%; Score 30; DB 1; Length 365;
 Best Local Similarity 75.0%; Pred. No. 3.8e+02;
 Matches 6; Conservative 2; Mismatches 0; Indels 0; Gaps
                                                                          0;
          2 LFEILAKT 9
Qу
            : | | | | | | :
Db 43 VFEILAKS 50
RESULT 12
US-10-369-493-2943
; Sequence 2943, Application US/10369493
; Patent No. 7314974
; GENERAL INFORMATION:
  APPLICANT: Cao, Yongwei
  APPLICANT: Hinkle, Gregory J.
  APPLICANT: Slater, Steven C.
  APPLICANT: Goldman, Barry S.
  APPLICANT: Chen, Xianfeng
  TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
  TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
  FILE REFERENCE: 38-10(52052)B
  CURRENT APPLICATION NUMBER: US/10/369,493
  CURRENT FILING DATE: 2003-02-28
  PRIOR APPLICATION NUMBER: US 60/360,039
 PRIOR FILING DATE: 2002-02-21
  NUMBER OF SEQ ID NOS: 47374
; SEQ ID NO 2943
  LENGTH: 469
   TYPE: PRT
   ORGANISM: Thermotoga maritima
US-10-369-493-2943
```

```
Query Match
                         73.2%; Score 30; DB 3; Length 469;
 Best Local Similarity 77.8%; Pred. No. 5e+02;
 Matches 7; Conservative 0; Mismatches 2; Indels
                                                                         0;
                                                             0; Gaps
          1 ILFEILAKT 9
Qу
             Db
        155 ILLEIAAKT 163
RESULT 13
US-08-864-785-2
; Sequence 2, Application US/08864785A
; Patent No. 6329566
; GENERAL INFORMATION:
  APPLICANT: Kaplan, Joshua M.
  APPLICANT: Oppenheimer, Allison J.
  APPLICANT: Hart, Anne C.
  TITLE OF INVENTION: METHODS FOR THE DETECTION, TREATMENT,
  TITLE OF INVENTION: AND PREVENTION OF NEURODEGENERATION
  FILE REFERENCE: 00786/353001
  CURRENT APPLICATION NUMBER: US/08/864,785A
  CURRENT FILING DATE: 1997-05-29
  NUMBER OF SEQ ID NOS: 3
  SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
   LENGTH: 1253
   TYPE: PRT
   ORGANISM: Caenorhabditis elegans
US-08-864-785-2
 Query Match
                         73.2%; Score 30; DB 2; Length 1253;
 Best Local Similarity 87.5%; Pred. No. 1.4e+03;
           7; Conservative 0; Mismatches 1; Indels 0; Gaps
 Matches
                                                                          0;
QУ
          1 ILFEILAK 8
             Db
        186 ILFEILNK 193
RESULT 14
US-10-369-493-5707
; Sequence 5707, Application US/10369493
; Patent No. 7314974
; GENERAL INFORMATION:
  APPLICANT: Cao, Yongwei
  APPLICANT: Hinkle, Gregory J.
  APPLICANT: Slater, Steven C.
  APPLICANT: Goldman, Barry S.
  APPLICANT: Chen, Xianfeng
  TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
  TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
  FILE REFERENCE: 38-10(52052)B
  CURRENT APPLICATION NUMBER: US/10/369,493
  CURRENT FILING DATE: 2003-02-28
  PRIOR APPLICATION NUMBER: US 60/360,039
  PRIOR FILING DATE: 2002-02-21
  NUMBER OF SEQ ID NOS: 47374
```

```
; SEQ ID NO 5707
   LENGTH: 1253
   TYPE: PRT
   ORGANISM: Caenorhabditis elegans
US-10-369-493-5707
 Query Match
                         73.2%; Score 30; DB 3; Length 1253;
 Best Local Similarity 87.5%; Pred. No. 1.4e+03;
         7; Conservative 0; Mismatches 1; Indels
                                                              0; Gaps
                                                                          0;
 Matches
           1 ILFEILAK 8
Qу
             186 ILFEILNK 193
Db
RESULT 15
US-09-134-000C-3844
; Sequence 3844, Application US/09134000C
; Patent No. 6617156
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
  TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
  TITLE OF INVENTION: ENTEROCOCCUS FAECALIS FOR DIAGNOSTICS AND THERAPEUTICS
  FILE REFERENCE: 032796-032
  CURRENT APPLICATION NUMBER: US/09/134,000C
  CURRENT FILING DATE: 1998-08-13
  PRIOR APPLICATION NUMBER: US 60/055,778
 PRIOR FILING DATE: 1997-08-15
 NUMBER OF SEQ ID NOS: 6812
  SOFTWARE: PatentIn version 3.1
 SEQ ID NO 3844
  LENGTH: 145
   TYPE: PRT
   ORGANISM: Enterococcus faecalis
US-09-134-000C-3844
                         70.7%; Score 29; DB 2; Length 145;
 Query Match
 Best Local Similarity 44.4%; Pred. No. 2.3e+02;
 Matches 4; Conservative 4; Mismatches 1; Indels 0; Gaps
                                                                          0;
          1 ILFEILAKT 9
QУ
             1:1::: 11
Db
          70 IIFQVIGKT 78
Search completed: June 30, 2008, 17:51:38
```

Job time: 39.625 secs